

RANDOLPH, TONYA

From: RANDOLPH, TONYA
Sent: Thursday, September 25, 2014 10:04 AM
Subject: New information on the West Vermont Site

From: Lam, Shelly [<mailto:lam.shelly@epa.gov>]
Sent: Tuesday, September 23, 2014 10:35 AM
To: Muniz, Nuria; Brauner, David; JAWORSKI, MARK; Miller, Christina
Cc: Lam, Shelly
Subject: FW: New information on the West Vermont Site

Below is some information that you may find interesting about the West Vermont site. We had difficulty in the past explaining why there is occasionally flow to the southwest from the PRP sites to the Residential Area. It appears that Eagle Creek has been rechannelized and once flowed several hundred feet north of its current course, much closer to the Residential Area. There may be a paleochannel that is influencing groundwater flow.

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From: Lam, Shelly
Sent: Monday, September 22, 2014 3:19 PM
To: Nash, Thomas; Gahala, Amy; Newhart, Gary; Kevin Scott (kevin.scott@tetrattech.com); Wilson, David
Cc: Lam, Shelly
Subject: New information on the West Vermont Site

I wanted to share with you interesting information IDEM discovered about the West Vermont site. In reviewing historical aerial photographs, IDEM noticed that the course of Eagle Creek has been altered – significantly. Eagle Creek used to be located much closer to the Residential Area than it currently is.

To see this for yourself, go to <http://maps.indy.gov/Mapindy/>. In the top left, enter 3800 W. Michigan St, then hit Locate.

Zoom out until you see Eagle Creek to the south.

On the right, click the Streets and Aerials button.

Use the circle on the left to pull down and view historic aerials.

In 1956 and 1962, the course of the stream is different than it currently is.

On the 1941 aerial, someone has drawn in an even older stream channel for Eagle Creek that is closer to the Residential Area.

This information certainly helps explain why we occasionally see groundwater flow to the southwest.

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